

DERWENT- 1992-054745

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TITLE: Container for magnetic discs storage and transport - has helical grooves with variable pitch e.g. larger in loading unloading zone than in storage zone

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PRIORITY-DATA: 1987SU-4307056 (September 21, 1987)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
SU 1633453	AMarch 7, 1991	N/A	000	N/A

INT-CL (IPC): G11B025/04

ABSTRACTED-PUB-NO: SU 1633453A

## BASIC-ABSTRACT:

The container, for transporting, storage of magnetic discs, includes a plate (1) carrying shafts (2) with an helical groove (3) sync. and reversible rotation mechanism. During performing operation of discs (4) loading-unloading, the latter are lifted-lowered in the grooves (3). It also incorporates a jacket (5) and a lid (6).

Due to increased spiral pitch in the loading zone, high speed of lowering the discs into the container is obtained resulting in larger distance between the adjacent discs, which reduces damage to the discs surfaces. The discharging process provides the same result while the shaft rotation is carried out in opposite direction.

USE/ADVANTAGE - In computer engineering, partic. as protection device for magnetic discs against mechanical damage during their production and storage. Reduced probability of damage during container loading discharge operations. Bul.9/7.3.91.

CHOSEN- Dwg.1/3

DRAWING:

TITLE- CONTAINER MAGNETIC DISC STORAGE TRANSPORT HELICAL GROOVE

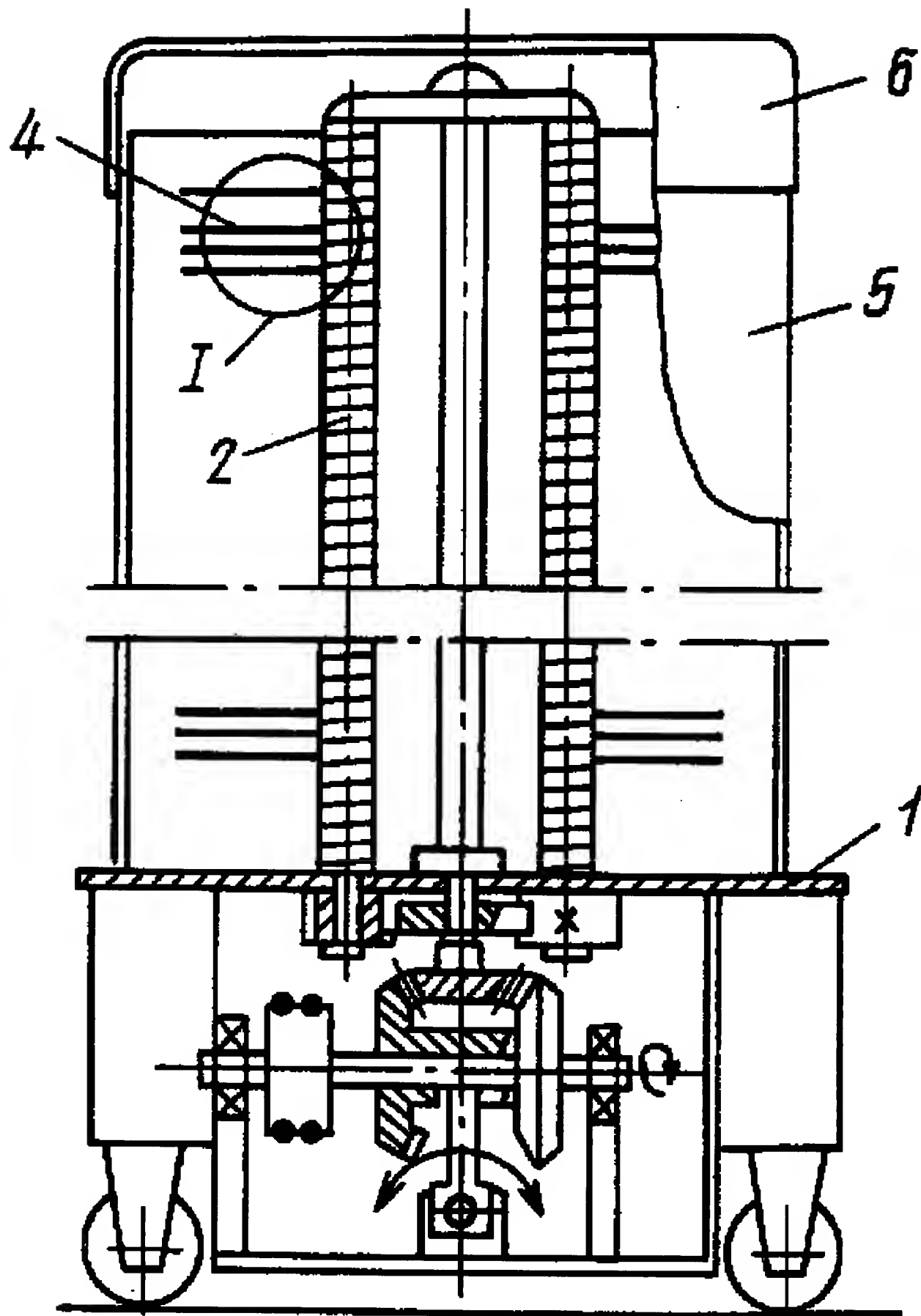
TERMS: VARIABLE PITCH LARGER LOAD UNLOAD ZONE STORAGE ZONE

DERWENT-CLASS: T03

EPI-CODES: T03-M01; T03-N01;

SECONDARY-ACC-NO:

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